



13281

ROBERT E. BUSHNELL*†

JOSEPH G. SEEBER*
 MATTHEW J. LESTINA†*
 SADYADVINDER S. SAHOTA†*
 JONG H. PARK†
 FRANK J. DYND†*

OF COUNSEL
 RICHARD H. STERN*
 HENRY M. ZYKORIE

MICHAEL D. PARKER
 (REG. PATENT AGENT)

† ADMITTED IN MARYLAND
 * ADMITTED IN VIRGINIA
 ; ADMITTED IN NEW YORK
 ° ADMITTED IN CONNECTICUT
 * ADMITTED IN NEW JERSEY
 * NOT ADMITTED IN D.C.

R. E. BUSHNELL

ATTORNEY AT LAW

1522 K STREET, N.W., SUITE 300
 WASHINGTON, D.C. 20005-1202
 UNITED STATES OF AMERICA

10 February 2004

INTELLECTUAL PROPERTY LAW

TELEPHONE (202) 408-9040

FACSIMILE (202) 289-7100

FACSIMILE (202) 628-3835

FACSIMILE (410) 747-0022

E-MAIL: REBUSHNELL@AOL.COM

- U.S. Postal Service
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Attorney Docket: P56974

22387 U.S.PTO
10/774453

021004

Mail Stop: Patent Application
 Commissioner for Patents
 Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following patent application:

Inventor: 1) SHIN-WOONG KAY

Title: CABLE MODEM THAT CAN PREVENT MODEM SIGNAL FROM TRANSFERRING TO AN HFC NETWORK WHEN INTERNAL CIRCUIT OF THE CABLE MODEM OPERATES ABNORMALLY

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 5 sheets, Figures 1 through 6

Claim of priority under 35 U.S.C. §119: YES

** The Republic Of Korea Application No. 2003-9645 filed on 15 February 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45284 & #45285)

Basic Fee \$385/770	\$770.00
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Additional Fees:

Total number of claims in excess of 20: <u>13</u> times \$9/18	\$234.00
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Number of independent claims in excess of 3: <u>2</u> times \$43/86	\$172.00
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Multiple Dependent Claims \$145/290	\$0.00
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An Assignment is likewise enclosed: Recording Fee \$40 ..	\$40.00
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Filing Non-English specification	\$0.00
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TOTAL FEES FOR THE ABOVE APPLICATION	\$1,216.00
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Commissioner for Patents
10 February 2004
Page Two

Docket No.: P56974

Inventor: 1) SHIN-WOONG KAY

Title: CABLE MODEM THAT CAN PREVENT MODEM SIGNAL
FROM TRANSFERRING TO AN HFC NETWORK WHEN
INTERNAL CIRCUIT OF THE CABLE MODEM OPERATES
ABNORMALLY

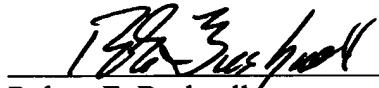
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
Payor No.: 008-439
Attorney for the Applicant
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Telephone: (202) 408-9040
Telefacsimile: (202) 289-7100

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13281

021004

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U.S. PATENT FEE TRANSMITTAL Patent fees are subject to annual revision.		Complete If Known			
		Application Number		To be Assigned	
		Filing Date		10 February 2004	
		First Named Inventor		SHIN-WOONG KAY	
		Examiner Name		To be Assigned	
		Group/Art Unit		To be Assigned	
TOTAL AMOUNT OF PAYMENT (\$) <u>1,216.00</u>		Attorney Docket No. <u>P56974</u>			
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)			
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. ADDITIONAL FEES			
Deposit Account Number: <u>02-4943</u>		Large Entity Small Entity			
Deposit Account Number: _____		Fee Code	Fee (\$)	Fee Code	Fee (\$)
<input type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.		1051	130	2051	65
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		1052	50	2052	25
2. <input type="checkbox"/> Payment Enclosed: (CHECK #45284 & #45285)		1053	130	1053	130
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		1812	2,520	1812	2,520
FEE CALCULATION					
1. BASIC FILING FEE					
Large Entity Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1001	770	2001	385	Utility filing fee \$770.00	
1002	340	2002	170	Design filing fee \$	
1003	530	2003	265	Plant filing fee \$	
1004	770	2004	385	Reissue filing fee \$	
1005	160	2005	80	Provisional filing fee \$	
SUBTOTAL (1) (\$)		770.00			
2. EXTRA CLAIM FEES					
Extra Claims Fee from below Fee Paid					
Total claims	33	-20** =	13	x	\$18.00 = \$234.00
Independent Claims	5	-3** =	2	x	\$86.00 = \$172.00
Multiple Dependent =					
** or number previously paid, if greater; For Reissues, see below					
Large Entity Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1201	86	2201	43	Independent claims in excess of 3	
1202	18	2202	9	Claims in excess of 20	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue Independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)		406.00			
** Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) \$40.00					
SUBMITTED BY					
Typed or Printed Name		R bert E. Bushnell, Esq.			Reg. Number <u>27,774</u>
Signature			Date	10 February 2004	Depositor Account User ID

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